

To: Brown, Anthony R (RM)[anthony.brown@bp.com]
Cc: Lombardi, Marc (marc.lombardi@amecfw.com)[marc.lombardi@amecfw.com]; Greg Reller[gr@burlesonconsulting.com]; Cory Koger[Cory.S.Koger@usace.army.mil]; Chang, Kay SPK[Kay.Chang@usace.army.mil]; Doug Carey[douglas.carey@waterboards.ca.gov]
From: Deschambault, Lynda
Sent: Sat 4/8/2017 12:17:44 AM
Subject: FW: EPA Approval Amendment No. 11 Acid Ponding Near Leviathan Creek TSAP

Dear Mr. Brown;

Per our discussion today, EPA requested specific information last year February 26, 2016 and again June 14, 2016.

See the history below. Please provide within 14 days.

As discussed, please include a figure and tabular summary of available water level and chemistry data. Feel free to indicate the data is preliminary and subject to change pending data validation.

Best Regards,

Lynda Deschambault
Environmental Scientist
USEPA Region 09
(415) 947-4183

Please be advised I may have limited access to email , therefore please be patient with any communication delays.

-----Original Message-----

From: Deschambault, Lynda
Sent: Tuesday, June 14, 2016 11:00 AM
To: Brown, Anthony R (RM) <anthony.brown@bp.com>
Cc: Lombardi, Marc <marc.lombardi@amecfw.com>; Greg Reller <gr@burlesonconsulting.com>; Cory Koger <Cory.S.Koger@usace.army.mil>; Riley, Gary <riley.gary@epa.gov>; Doug Carey <douglas.carey@waterboards.ca.gov>; Chris Stetler (chris.stetler@waterboards.ca.gov) <chris.stetler@waterboards.ca.gov>
Subject: FW: EPA Approval Amendment No. 11 Acid Ponding Near Leviathan Creek TSAP

Dear Mr. Brown:

As part of the EPA Approval Amendment No. 11 Acid Ponding Near Leviathan Creek TSAP, dated February 26, 2016,---- EPA requested drive point piezometers at four or more locations along the west bank of Leviathan Creek and provided suggested location. Those piezometers have been installed.

EPA requests the following information:

(1) Please provide:

- * Depth to the top and bottom of the screen interval below ground surface, and depth in comparison with the adjacent channel of Leviathan Creek.
- * Spatial coordinates
- * Construction details (ie diameter, casing and screen material, sealing material and depth

interval, total depth, depth to top of screened interval)

(2) Please provide as copies of completion diagrams and in a table.

In addition please provide a location map to clarify the final locations.

Best Regards,

Lynda Deschambault
Environmental Scientist
USEPA Region 09
(415) 947-4183

Please be advised I may have limited access to email , therefore please be patient with any communication delays.

-----Original Message-----

From: Deschambault, Lynda
Sent: Friday, February 26, 2016 6:17 PM
To: Brown, Anthony R (RM) <anthony.brown@bp.com>
Cc: Carey, Douglas@Waterboards <douglas.carey@waterboards.ca.gov>; Stetler, Chris@waterboards.ca.gov <Chris.Stetler@waterboards.ca.gov>; Greg Reller <gr@burlesonconsulting.com>; Cory Koger <Cory.S.Koger@usace.army.mil>; Patty Cubanski <pc@burlesonconsulting.com>; Riley, Gary <riley.gary@epa.gov>; Wirschafter, Joshua <Wirschafter.Joshua@epa.gov>; Black, Ned <Black.Ned@epa.gov>; Serda, Sophia <Serda.Sophia@epa.gov>; Sanchez, Yolanda <Sanchez.Yolanda@epa.gov>; Bruck, Glenn <Bruck.Glenn@epa.gov>; Lombardi, Marc <marc.lombardi@amecfw.com>; Hampton, Steve@Wildlife <Steve.Hampton@wildlife.ca.gov>; 'Thomas Maurer' <thomas_maurer@fws.gov>; 'Toby McBride' <toby_mcbride@fws.gov>; Lynelle.Hartway@washoetribe.us; Darrel Cruz <Darrel.Cruz@washoetribe.us>; 'Darrel Cruz' <dcruz@washoetanf.org>; Fred <fredk@aeseinc.com>; David Friedman <dfriedman@ndep.nv.gov>; Maas, Ken -FS <kmaas@fs.fed.us>
Subject: EPA Approval Amendment No. 11 Acid Ponding Near Leviathan Creek TSAP

Dear Mr. Brown,

The US Environmental Protection Agency (EPA) has reviewed Draft Final Amendment No. 11- Task Sampling and Analysis Plan for Investigation of Ponding Near Leviathan Creek, Leviathan Mine Site, Alpine County, California, dated February 22, 2016. This work was submitted to EPA pursuant to Administrative Order for Remedial Investigation and Feasibility Study, Leviathan Mine, Alpine County, California (CERCLA Docket No. 2008-18, June 23, 2008).

EPA has completed its review and provides approval for ARC to proceed with the work as outlined.

In addition, as part of this investigation, please install nested drive point piezometers at four or more locations along the west bank of Leviathan Creek. Attached please find a diagram of suggested locations. During the January 19, 2016 meeting EPA clarified that the nature and extent of the groundwater containing site contaminants needed to be fully evaluated. Installing these piezometers concurrent with the other work described in the Draft Final Amendment 11, will provide efficient and timely collection of RI data necessary to support the evaluation of the western limits of groundwater contamination at the site.

EPA directs ARC to begin this field work as soon as the 2016 Field activity season can be underway.
All work should be completed during the 2016 Field Sampling Season.
If you have any questions, please feel free to contact me at (415) 947-4183 or
Deschambault.lynda@epa.gov.

Best Regards,

Lynda Deschambault
Environmental Scientist
USEPA Region 09
(415) 947-4183

From: Lombardi, Marc [mailto:marc.lombardi@amecfw.com]
Sent: Monday, February 22, 2016 5:19 PM
To: Deschambault, Lynda <Deschambault.Lynda@epa.gov>
Cc: Brown, Anthony R (RM) <anthony.brown@bp.com>; Riley, Gary <riley.gary@epa.gov>; Hillenbrand, John <Hillenbrand.John@epa.gov>; DCarey@waterboards.ca.gov; Block, Nathan <Nathan.Block@bp.com>; Cohen, Adam <Adam.Cohen@dgslaw.com>; Sandy Riese <sriese@ensci-inc.com>; Grant Ohland - (gohland@ohlandhydrogeo.com) <gohland@ohlandhydrogeo.com>; dave.mccarthy@copperenv.com; Koger, Cory S SPK <Cory.S.Koger@usace.army.mil>; Greg Reller <gr@burlesonconsulting.com>; Lynelle.Hartway@washoetribe.us; Jefferson, Jill <jill.jefferson@amecfw.com>; Ann Verwiel <averwiel@toxstrategies.com>; Gonzales, Joseph D <joseph.gonzales@amecfw.com>; Lombardi, Lynda <lynda.lombardi@amecfw.com>; Parrish, Kent <kent.parrish@amecfw.com>
Subject: Leviathan Mine - Response to Comments and Transmittal of On-Property FRI Work Plan Amd. No. 11 - TSAP for Surface Water/Groundwater Interaction Investigation near Acidic Pond and Leviathan Creek

Lynda,

On behalf of Atlantic Richfield, Amec Foster Wheeler is submitting the response to comments and transmittal of On-Property Focused Remedial Investigation Work Plan Amendment No. 11 - Task Sampling and Analysis Plan for Surface Water/Groundwater Interaction Investigation near Acidic Pond and Leviathan Creek (Draft Final) for the Leviathan Mine Site in Alpine County, California. Hardcopy to follow. This document is available for immediate download on the Leviathan Mine SharePoint Site via the following hyperlinks:

This document is located in a folder stored on this site. Click here to directly access the folder where these folders/documents are stored. Click on the links below to access each folder/document individually:

Title	Folder/File
	160222_DRAFT FINAL Amendment 11 TSAP_Compiled.pdf

Should you have any questions or comments please contact Tony Brown at (714) 228-6770 or
anthony.brown@bp.com.

Thanks,
Marc

-----Original Message-----

From: Deschambault, Lynda [mailto:Deschambault.Lynda@epa.gov]
Sent: Friday, January 22, 2016 3:38 PM
To: anthony.brown@bp.com
Cc: Greg Reller <gr@burlesonconsulting.com>; Cory Koger <Cory.S.Koger@usace.army.mil>; Lombardi, Marc <marc.lombardi@amecfw.com>; Wirtschafter, Joshua <Wirtschafter.Joshua@epa.gov>; Serda, Sophia <Serda.Sophia@epa.gov>; Black, Ned <Black.Ned@epa.gov>; Bruck, Glenn <Bruck.Glenn@epa.gov>; Shaffer, Caleb <Shaffer.Caleb@epa.gov>; Riley, Gary <riley.gary@epa.gov>; Carey, Douglas@Waterboards <douglas.carey@waterboards.ca.gov>; Lynelle.Hartway@washoetribe.us; Darrel Cruz <Darrel.Cruz@washoetribe.us>; 'Darrel Cruz' <dcruz@washoetanf.org>; Fred <fredk@aeseinc.com>; Hampton, Steve@Wildlife <Steve.Hampton@wildlife.ca.gov>; Maurer, Thomas <thomas_maurer@fws.gov>; McBride, Toby <toby_mcbride@fws.gov>; Maas, Ken -FS <kmaas@fs.fed.us>; David Friedman <dfriedman@ndep.nv.gov>
Subject: EPA Comments Amendment No. 11 Acid Ponding Near Leviathan Creek TSAP

Dear Mr. Brown,

The US Environmental Protection Agency (EPA) has reviewed Amendment No. 11-TSAP for Investigation of the Acid Ponding Near Leviathan Creek, Leviathan Mine Site, Alpine County, California, dated September 20, 2015. This work was submitted to EPA pursuant to Administrative Order for Remedial Investigation and Feasibility Study, Leviathan Mine, Alpine County, California (CERCLA Docket No. 2008-18, June 23, 2008).

EPA directs ARC to respond to these comments line by line and also provide a revised and updated SAP within thirty (30) days or by February 19, 2016. This field work should begin as soon as the 2016 Field activity season can be underway.

Best Regards,

Lynda Deschambault
Environmental Scientist
USEPA Region 09
(415) 947-4183

From: Lombardi, Marc [mailto:marc.lombardi@amecfw.com]
Sent: Sunday, September 20, 2015 4:16 PM
To: Deschambault, Lynda <Deschambault.Lynda@epa.gov>
Cc: Brown, Anthony R (RM) <anthony.brown@bp.com>; Riley, Gary <riley.gary@epa.gov>; Hillenbrand, John <Hillenbrand.John@epa.gov>; Carey, Douglas@Waterboards <douglas.carey@waterboards.ca.gov>; DCarey@waterboards.ca.gov; Block, Nathan <Nathan.Block@bp.com>; Cohen, Adam (Adam.Cohen@dgslaw.com) <Adam.Cohen@dgslaw.com>; Sandy Riese <sriese@ensci-inc.com>; Grant Ohland - (gohland@ohlandhydrogeo.com) <gohland@ohlandhydrogeo.com>; McCarthy, Dave T (Copper Environmental Consulting) <dave.mccarthy@copperenv.com>; Koger, Cory S SPK <Cory.S.Koger@usace.army.mil>; Greg Reller <gr@burlesonconsulting.com>; Ken Maas <kmaas@fs.fed.us>; Jefferson, Jill <jill.jefferson@amecfw.com>; Parrish, Kent <kent.parrish@amecfw.com>; Stelman, Ken <ken.stelman@amecfw.com>; Lombardi, Lynda <lynda.lombardi@amecfw.com>; Jones, Britt <britt.jones@amecfw.com>; Gonzales, Joseph D <joseph.gonzales@amecfw.com>
Subject: Leviathan Mine - Submittal of On-Property FRI Work Plan Amendment No. 11 - TSAP for Investigation of Ponding Near Leviathan Creek

Lynda,

On behalf of Atlantic Richfield, Amec Foster Wheeler is submitting On-Property Focused Remedial Investigation Work Plan Amendment No. 11 - Task Sampling and Analysis Plan (TSAP) for Investigation of Ponding Near Leviathan Creek for the Leviathan Mine Site in Alpine County, California. Amendment 11 has been uploaded to the Leviathan Mine SharePoint Site and is available for immediate download via the following hyperlinks:

This document has been uploaded to the Public Documents Folder on this site. [Click here](#) to directly access the folder where these folders/documents are stored. Click on the links below to access each folder/document individually:

Project #: 0013091150

Title	Folder/File
	150921 Amd_11_TSAP_compiled.pdf

Hard copy and electronic copy on CD/DVD to follow in the mail.

Should you have any questions or comments please contact Tony Brown at (714) 228-6770 or anthony.brown@bp.com.

Thanks,